

POWDER RIVER BRIDGE
15.1 mi. NE. of Leiter
County Road No. 269
Sheridan County
Wyoming

WYOMING HISTORIC TRUSS BRIDGE SURVEY

HAER NO. WY-⁶⁷179

HAER
WYO,
17-LEITER,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
Rocky Mountain Regional Office
Department of the Interior
P. O. Box 25287
Denver, Colorado 80225

HISTORIC AMERICAN ENGINEERING RECORD

HAER
WYO.
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1-

Powder River Bridge

HAER No. WY-⁶⁷~~17-B~~

Location: Spanning Powder River, on County Road No. 269;
15.1 miles northeast of Leiter, in Sheridan County,
Wyoming

UTM: 13.416160.4969980
Quad: Cabin Creek N.E.

Date of Construction: 1915

Builder/Designer: Gregg and Stout Bridge Company of Sheridan

Present Owner: Sheridan County
220 South Main
Sheridan, Wyoming

Present Use: Vehicular Bridge

Significance: This through truss, consisting of a Pratt and a Warren span, presents classic configurations of the two truss types. One of the earlier rigid connected vehicular trusses in Wyoming, it presents a transition from the earlier pin connected bridges. It is one of the State's more interesting vehicular trusses.

Historians: Clayton B. Fraser and Richard G. Ewig
November 1981

~~NOTE: For more general information, see Wyoming Truss Bridges Survey,
HAER No. WY-17.~~

I. HISTORY

In October 1914, the Sheridan County Commissioners, seeking to take advantage of an atypically dry riverbed for the Powder River, contracted with Gregg and Stout Bridge Company of Sheridan to build a center pier for a two span truss bridge.¹ Jack Gregg was awarded the contract for the superstructure in February 1915.²

II. DESCRIPTION

The Powder River Bridge is a two span, steel rigid connected six panel Pratt through and a six panel Warren through truss with verticals. The through truss, consisting of a Pratt and a Warren span, presents classic configurations of the two truss types. Top chords are two channels with cover plate and lacing. Bottom chords are two angles with batten plates. Verticals are two channels with batten plates. Diagonals are two angles with batten plates. Angle struts with eyebar sway bracing and lattice guardrail are also provided.³

¹ Sheridan County Commissioners' Minutes, October 7, 1914, and November 4, 1914.

² Sheridan County Commissioners' Minutes, January 5, 1915, and February 2, 1915.

³ Wyoming Truss Bridges Survey, Wyoming State Highway Department.